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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

Sirtuin 6, GST-Tag

Human, Recombinant, N-terminal GST tag

Catalog #: 50017

Lot #: 170928-1 **Conc.:** 0.25 mg/ml

Formulated in: 40mM Tris pH8.0, 110mM NaCl, 2.2mM KCl, 0.04% Tween-20 and 20% glycerol.

Stability: At least 6 months at -80°C . Avoid freeze/thaw cycles.

References:

1. Kanfi, Y. *et al.*, *FEBS Lett.* 2008 Mar 5;**582(5)**:543-8.
2. Mostoslavsky, R. *et al.*, *Cell.* 2006 Jan 27;**124(2)**:315-29.

Description:

Human Sirtuin 6 (GenBank Accession No. NM_016539), full length with N-terminal GST tag, MW= 66 kDa, expressed in an *E. coli* expression system.

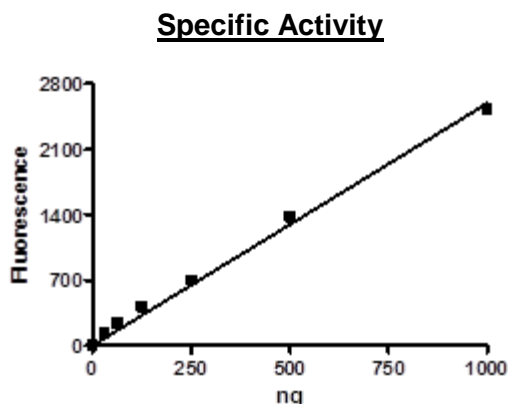
Specific Activity: 1.5 pmol/min/ μg

Assay Conditions: 25 mM Tris/HCl, pH 8.0, 137 mM NaCl, 2.7 mM KCl, 1 mM MgCl₂, and 0.1 mg/ml BSA, 20 μM BPS SIRT6 substrate 2 (Catalog #50084), 500 μM NAD⁺ and Sirtuin 6 (18 – 2000 ng). Incubation condition: 60 min at 37°C followed by developing for 15 min at room temperature.

Application:

Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance



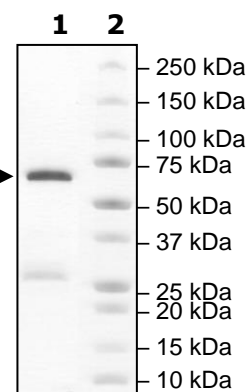
4-20% SDS-PAGE Coomassie staining

Lane 1:
Sirt6

Lane 2:
Protein Marker

MW: 66 kDa

Purity: $\geq 80\%$



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